

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004525.D
 Acq On : 08 Aug 2018 05:47
 Operator : SY/AP
 Sample : J4313-19
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-14

Quant Time: Aug 08 09:42:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	457397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	780487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	676395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	244447	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	243998	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	7.88	113	230616	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	
50) Toluene-d8	10.33	98	645353	32.53	ug/l	0.00
Spiked Amount			Recovery	=	65.06%	
62) 4-Bromofluorobenzene	12.63	95	188723	26.41	ug/l	0.00
Spiked Amount			Recovery	=	52.82%	

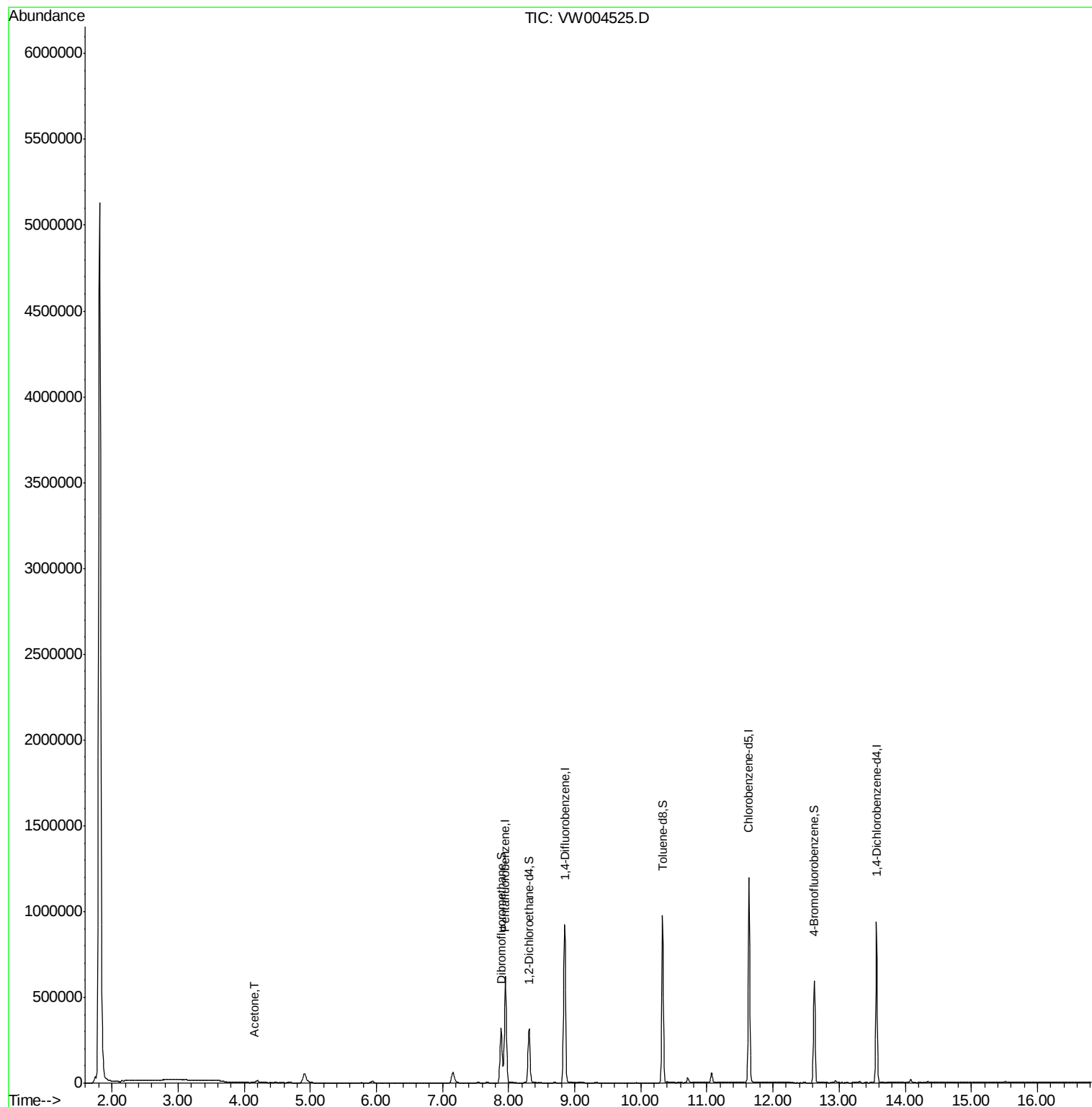
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	9906	7.83	ug/l	98

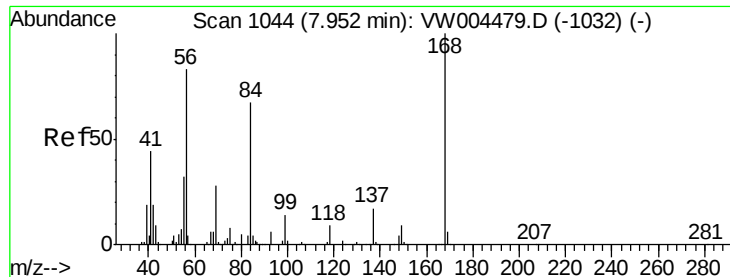
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004525.D

Acq: 08 Aug 2018 05:47

Instrument :

MSVOA_W

ClientSampled :

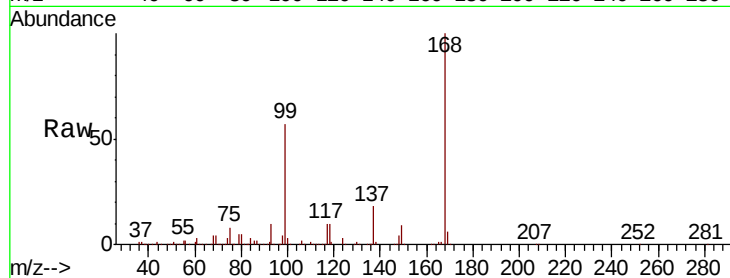
C-14

Tot Ion:168 Resp: 457397

Ion Ratio Lower Upper

168 100

99 56.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

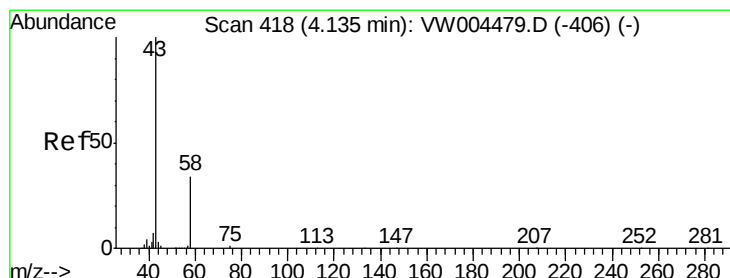
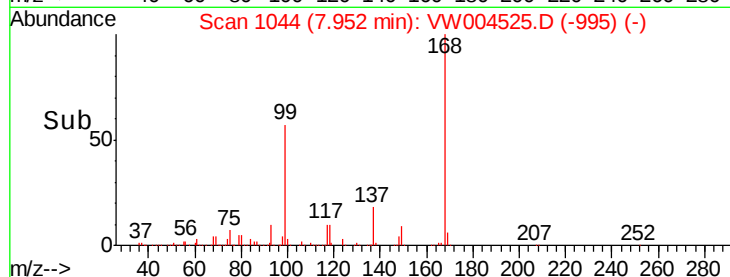
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 7.83 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW004525.D

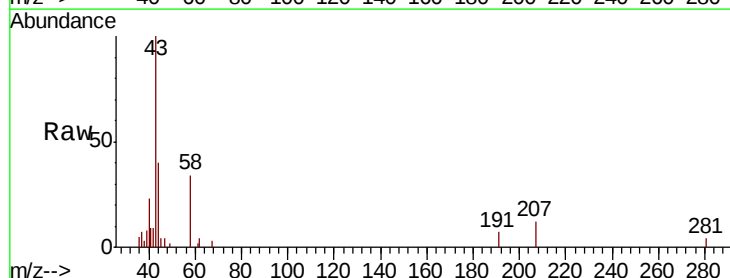
Acq: 08 Aug 2018 05:47

Tgt Ion: 43 Resp: 9906

Ion Ratio Lower Upper

43 100

58 32.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

3000

2500

2000

1500

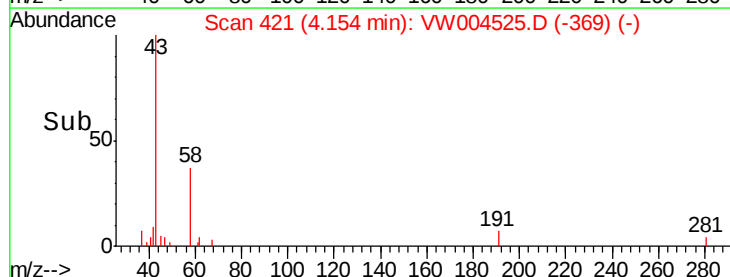
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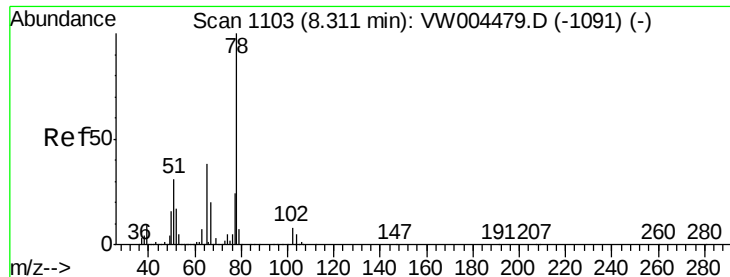
500

0

4.10 4.20

Time-->

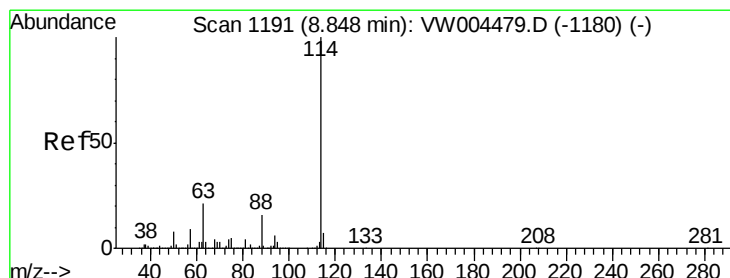
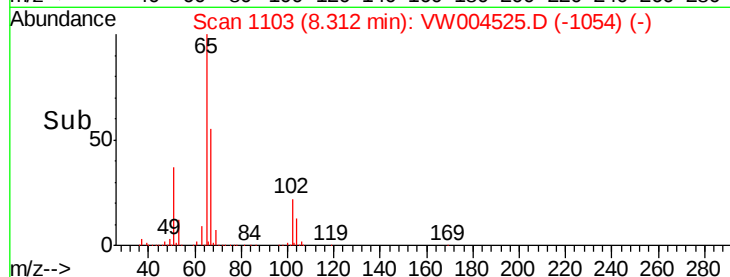
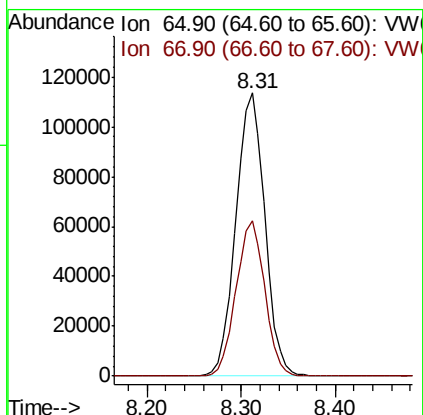
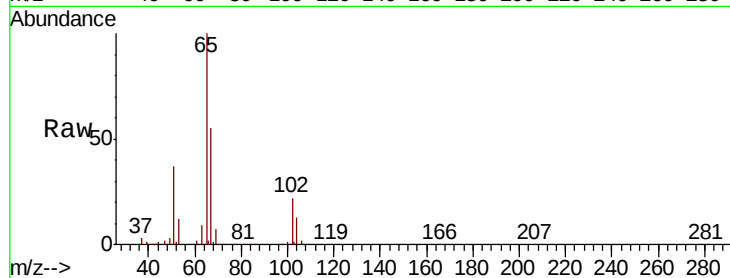




#33
 1,2-Dichloroethane-d4
 Concen: 48.19 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004525.D
 Acq: 08 Aug 2018 05:47

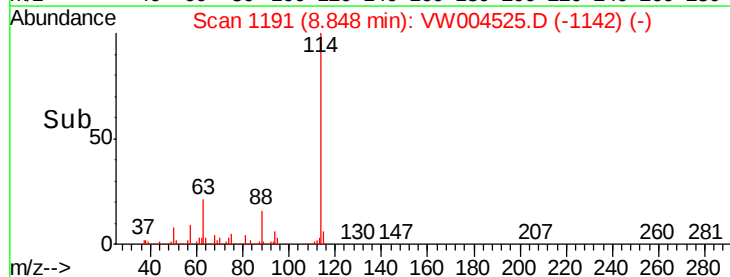
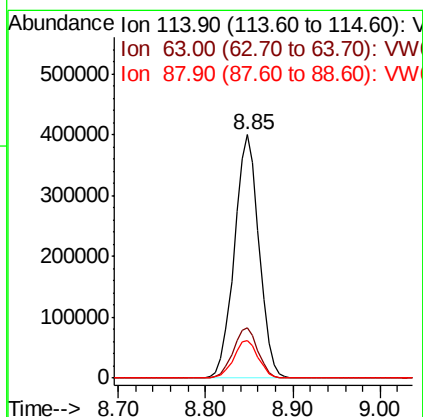
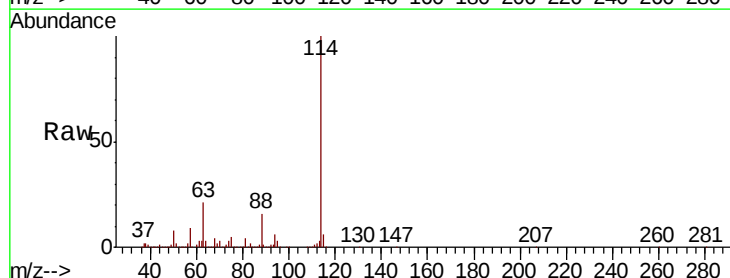
Instrument :
 MSVOA_W
 ClientSampleId :
 C-14

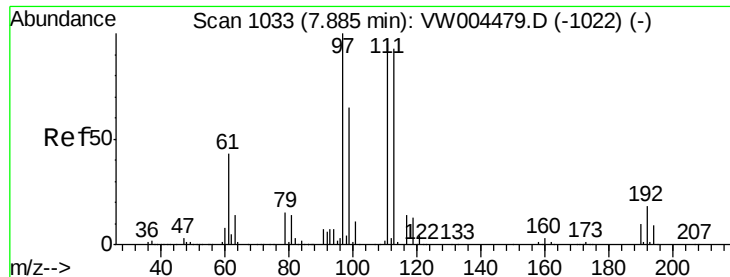
Tot Ion: 65 Resp: 243998
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004525.D
 Acq: 08 Aug 2018 05:47

Tgt Ion: 114 Resp: 780487
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.6 0.0 31.2

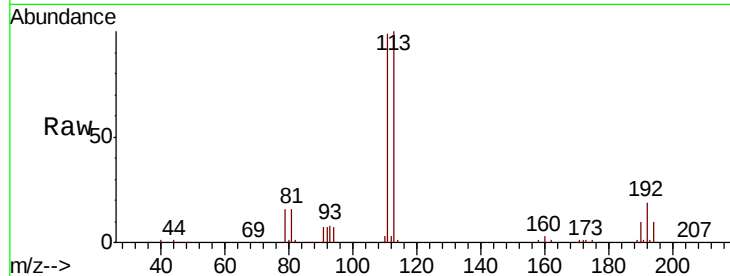




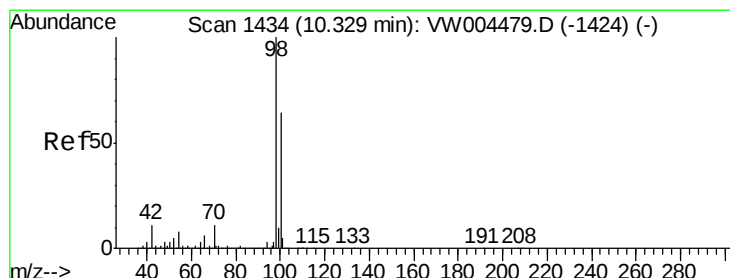
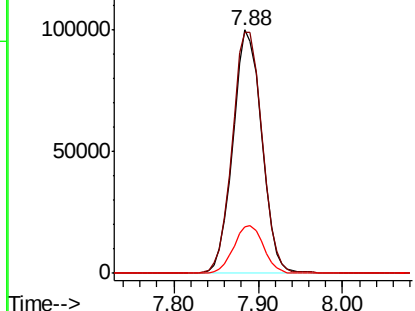
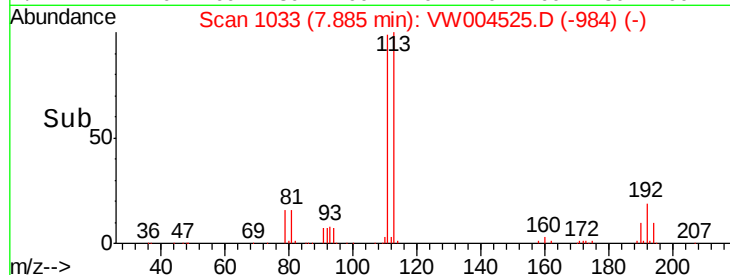
#35
 Dibromofluoromethane
 Concen: 44.31 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004525.D
 Acq: 08 Aug 2018 05:47

Instrument :
 MSVOA_W
 ClientSampleId :
 C-14

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.3	15.8	23.6

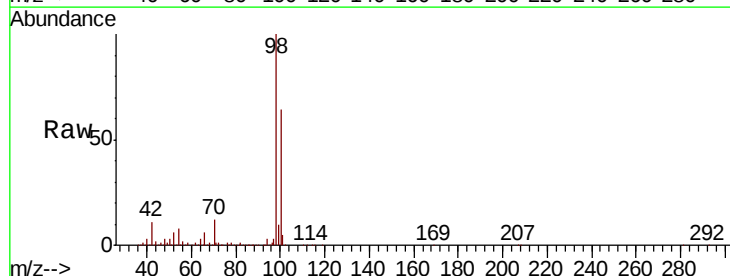


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

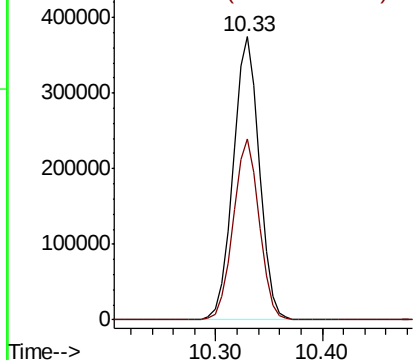
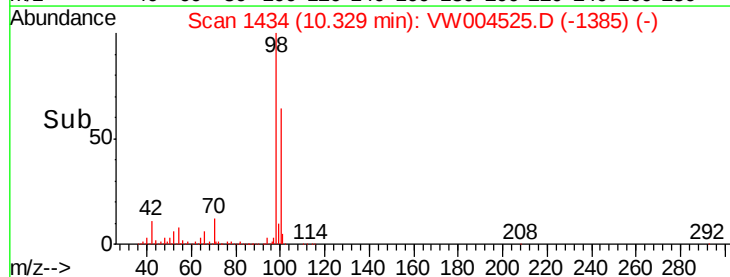


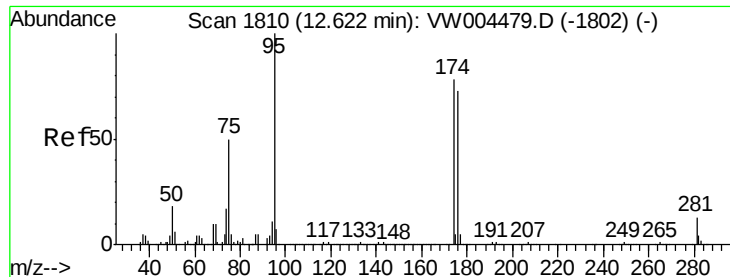
#50
 Toluene-d8
 Concen: 32.53 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004525.D
 Acq: 08 Aug 2018 05:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.4	77.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

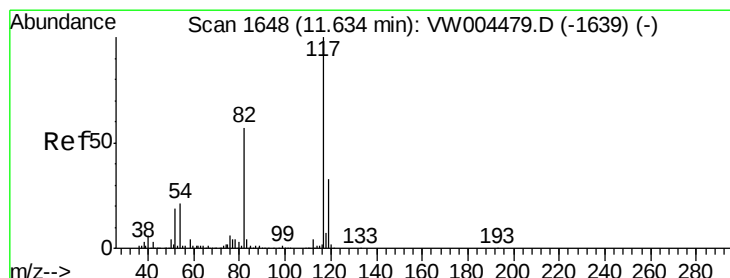
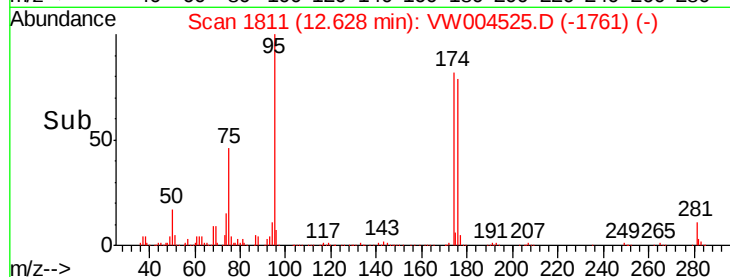
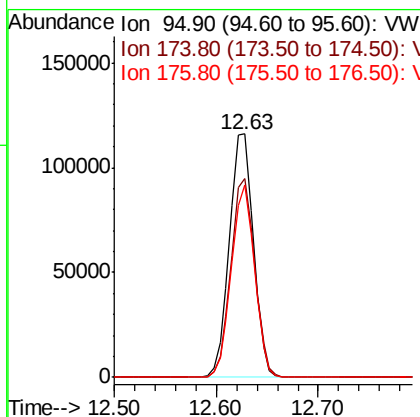
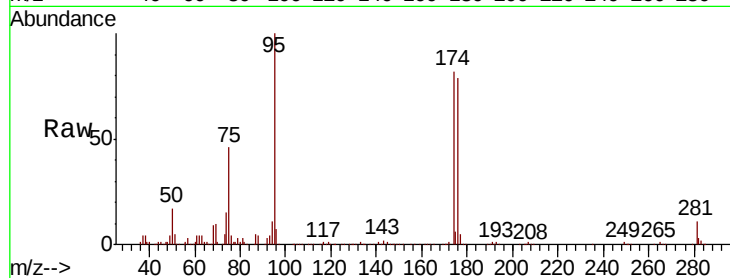




#62
4-Bromofluorobenzene
Concen: 26.41 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004525.D
Acq: 08 Aug 2018 05:47

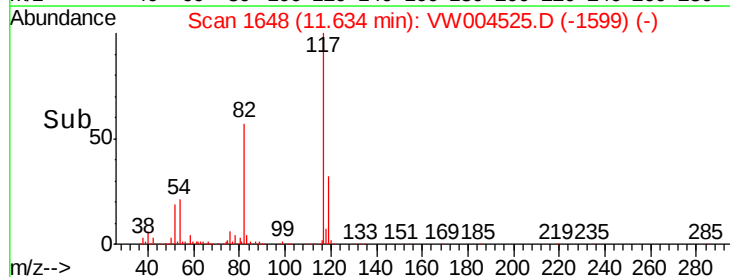
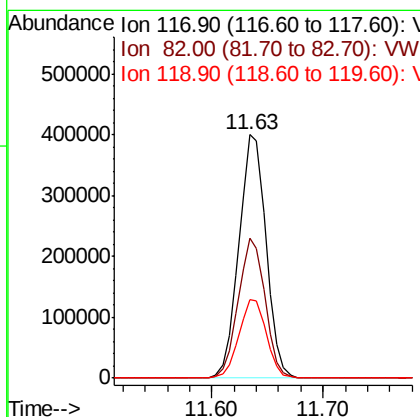
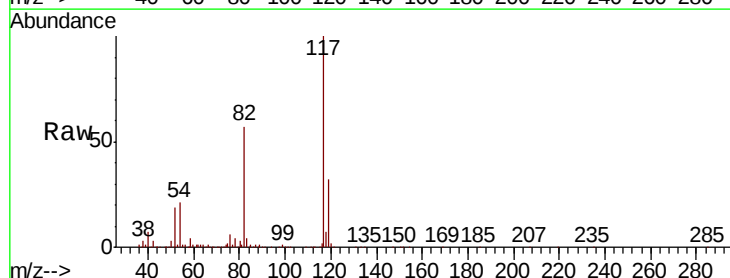
Instrument :
MSVOA_W
ClientSampleId :
C-14

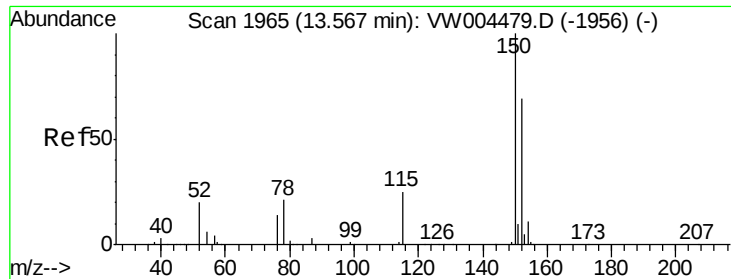
Tot Ion: 95 Resp: 188723
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.4
176 76.3 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004525.D
Acq: 08 Aug 2018 05:47

Tgt Ion: 117 Resp: 676395
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004525.D

Acq: 08 Aug 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

C-14

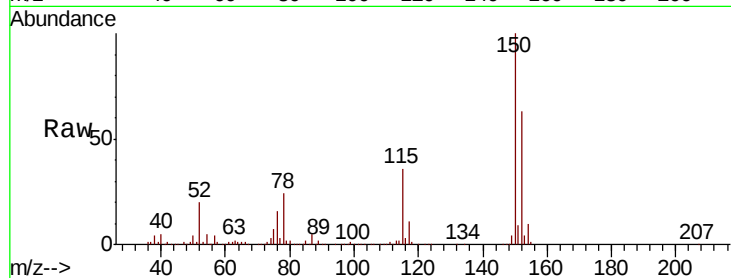
Tot Ion:152 Resp: 244447

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 157.2 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

